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APPLICANT : ASAHI CHEM IND CO LTD;

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TITLE : RUBBER-MODIFIED VINYL AROMATIC RESIN COMPOSITION EXCELLENT IN GLOSS AND IMPACT RESISTANCE

ABSTRACT : PURPOSE: To obtain the subject composition, containing rubber-like polymer particles, having a respective specified particle size distribution and particle structure and dispersed in a specific vinyl aromatic polymer matrix, excellent in molding processability, etc., and capable of providing large-sized molded products, etc., without any gloss unevenness.

CONSTITUTION: The objective composition obtained by dispersing preferably 3-20wt.% rubber-like polymer particles compound of 50-95wt.%, preferably 70-90wt.% fine particulate rubber-like polymer having 0.1-0.4 μ m, preferably 0.15-0.25 μ m weight-average particle diameter in which \geq 60wt.%, preferably \geq 80wt.% thereof has a core-shell structure and 5-50wt.%, preferably 10-30wt.% large particulate rubber-like polymer having 0.8-3.0 μ m, preferably 1.0-2.0 μ m weight-average particle diameter and a salami structure in a vinyl aromatic polymer matrix composed of 90-99wt.% vinyl aromatic monomer and 1-10wt.% one or more of a 3-10C alkyl group-containing acrylic acid ester and an 8-20C alkyl group-containing methacrylic acid ester.

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